

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
1818.1030-003

APPLICATION NO.
10/066,320

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

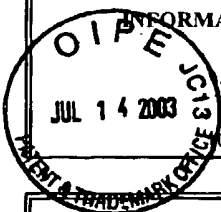
APPLICANT
Jonathan S. Stamler, *et al.*

FILING DATE
January 31, 2002

CONFIRMATION NO. 1921
GROUP 1654

July 8, 2003

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
08	AA	6,203,789 B1	03/20/01	Stamler, <i>et al.</i>
08	AB	2003/0008300 A1	01/09/03	Stamler, <i>et al.</i>
08	AC	2002/0037839 A1	03/28/02	Stamler, <i>et al.</i>
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
008	AL	WO 98/34955	13 Aug 98	PCT	
	AM				
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Alayash, Abdu I., "Hemoglobin-based Blood Substitutes: Oxygen Carriers, Pressor Agents, or Oxidants?," <i>Nature Biotechnology</i> , 17:545-549 (1999).
AS	Alayash, Abdu I. <i>et al.</i> , "Hemoglobin and Free Radicals: Implications for the Development of a Safe Blood Substitute," <i>Molecular Medicine Today</i> , 1:122-127 (1995).
AT	Ascenzi, Paolo <i>et al.</i> , "Cooperative Effect of Inositol Hexakisphosphate, Bezafibrate, and Clofibrate on the Spectroscopic Properties of the Nitric Oxide Derivative of Ferrous Human Hemoglobin," <i>Journal of Inorganic Biochemistry</i> , 50:263-272 (1993).
AU	Cassoly, Robert <i>et al.</i> , "Conformation, Co-operativity and Ligand Binding in Human Hemoglobin," <i>Journal of Molecular Biology</i> , 91:301-313 (1975).
AV	Chétrite, Gérard <i>et al.</i> , "Affinity of Hemoglobin for the Cytoplasmic Fragment of Human Erythrocyte Membrane Band 3," <i>Journal of Molecular Biology</i> , 185:639-644 (1985).
AW	Doherty, Daniel H. <i>et al.</i> , "Rate of Reaction with Nitric Oxide Determines the Hypertensive Effect of Cell-Free Hemoglobin," <i>Nature Biotechnology</i> , 16:672-676 (1998).
AX	Eich, Raymund F. <i>et al.</i> , "Mechanism of NO-Induced Oxidation of Myoglobin and Hemoglobin," <i>Biochemistry</i> , 35:6976-6983 (1996).
AY	Falke, Joseph J. <i>et al.</i> , "Molecular Mechanisms of Band 3 Inhibitors. 1. Transport Site Inhibitors," <i>Biochemistry</i> , 25:7888-7894 (1986).
AZ	Falke, Joseph J. <i>et al.</i> , "Molecular Mechanisms of Band 3 Inhibitors. 2. Channel Blockers," <i>Biochemistry</i> , 25:7895-7898 (1986).
AR2	Fox-Robichaud, Alison <i>et al.</i> , "Inhaled NO as a Viable Antiadhesive Therapy for Ischemia/Reperfusion Injury of Distal Microvascular Beds," <i>Journal of Clinical Investigation</i> , 101(11):2497-2505 (1998).
AS2	Galanter, William L. <i>et al.</i> , "The Binding of Nitrate to the Human Anion Exchange Protein (AE1) Studied with ¹⁴ N Nuclear Magnetic Resonance," <i>Biochimica et Biophysica Acta</i> , 1079(2):146-151 (1991).

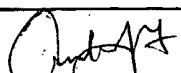
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
02	AT2	Gow, Andrew J. <i>et al.</i> , "Reactions Between Nitric Oxide and Haemoglobin Under Physiological Conditions," <i>Nature</i> , 391:169-173 (1998).
	AU2	Gow, Andrew J. <i>et al.</i> , "The Oxyhemoglobin Reaction of Nitric Oxide," <i>Proceedings of the National Academy of Sciences USA</i> , 96:9027-9032 (1999).
	AV2	Hall, David M. <i>et al.</i> , "Hyperthermia Stimulates Nitric Oxide Formation: Electron Paramagnetic Resonance Detection of •NO-Heme in Blood," <i>Journal of Applied Physiology</i> , 77(2):548-553 (1994).
	AW2	Head, C. Alvin <i>et al.</i> , "Low Concentrations of Nitric Oxide Increase Oxygen Affinity of Sick Erythrocytes In Vitro and In Vivo," <i>Journal of Clinical Investigation</i> , 100(5):1193-1198 (1997).
	AX2	Hsu, Li <i>et al.</i> , "The Interaction of Human Erythrocyte Band 3 with Cytoskeletal Components," <i>Archives of Biochemistry and Biophysics</i> , 227(1):31-38 (1983).
	AY2	Jia, Li <i>et al.</i> , "S-Nitrosohaemoglobin: A Dynamic Activity of Blood Involved in Vascular Control," <i>Nature</i> , 380:221-226 (1996).
	AZ2	Kermarrec, Nathalie <i>et al.</i> , "Impact of Inhaled Nitric Oxide on Platelet Aggregation and Fibrinolysis in Rats with Endotoxic Lung Injury," <i>American Journal of Respiratory and Critical Care Medicine</i> , 158(3):833-839 (1998).
	AR3	Liu, Xiaoping <i>et al.</i> , "Diffusion-limited Reaction of Free Nitric Oxide with Erythrocytes," <i>Journal of Biological Chemistry</i> , 273:18709-18713 (1998).
	AS3	Low, Philip S., "Structure and Function of the Cytoplasmic Domain of Band 3: Center of Erythrocyte Membrane-Peripheral Protein Interactions," <i>Biochimica et Biophysica Acta</i> , 864:145-167 (1986).
	AT3	Marletta, Michael A. <i>et al.</i> , "Unraveling the Biological Significance of Nitric Oxide," <i>Biofactors</i> , 2:219-225 (1990).
08	AU3	McMahon, Timothy Joseph <i>et al.</i> , "Functional Coupling of Oxygen Binding and Vasoactivity in S-Nitrosohemoglobin," <i>Journal of Biological Chemistry</i> , 275(22):16738-16745 (2000).

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018	AV3	McMahon, Timothy J. <i>et al.</i> , "Concerted Nitric Oxide/Oxygen Delivery by Hemoglobin," <i>Methods In Enzymology</i> , 301:99-114 (1999).
	AW3	Moore, Edwin G. <i>et al.</i> , "Cooperativity in the Dissociation of Nitric Oxide from Hemoglobin," <i>Journal of Biological Chemistry</i> , 251(9):2788-2794 (1976).
	AX3	Okubo, Kenshi <i>et al.</i> , "Red Blood Cell Band 3," <i>Journal of Biological Chemistry</i> , 269(3):1918-1926 (1994).
	AY3	Pawloski, John R. <i>et al.</i> , "Cell-Free and Erythrocytic S-Nitrosohemoglobin Inhibits Human Platelet Aggregation," <i>Circulation</i> , 97(3):263-267 (1998).
	AZ3	Pietraforte, Donatella <i>et al.</i> , "Role of Thiols in the Targeting of S-Nitroso Thiols to Red Blood Cells," <i>Biochemistry</i> , 34:7177-7185 (1995).
	AR4	Rossaint, Rolf <i>et al.</i> , "Inhaled Nitric Oxide for the Adult Respiratory Distress Syndrome," <i>New England Journal of Medicine</i> , 328(6):399-405 (1993).
	AS4	Santos-Silva, Alice <i>et al.</i> , "Altered Erythrocyte Membrane Band 3 Profile as a Marker in Patients at Risk for Cardiovascular Disease," <i>Atherosclerosis</i> , 116:199-209 (1995).
	AT4	Soszynski, Mirosław <i>et al.</i> , "Penetration of Erythrocyte Membrane by Peroxynitrite: Participation of the Anion Exchange Protein," <i>Biochemistry and Molecular Biology International</i> , 43(2):319-325 (1997).
	AU4	Stamler, Jonathan S. <i>et al.</i> , "Blood Flow Regulation by S-Nitrosohemoglobin in the Physiological Oxygen Gradient," <i>Science</i> , 276:2034-2037 (1997).
	AV4	Stamler, Jonathan S., "Redox Signaling: Nitrosylation and Related Target Interactions of Nitric Oxide," <i>Cell</i> , 78:931-936 (1994).
	AW4	Stamler, Jonathan S. <i>et al.</i> , "(S)NO Signals: Translocation, Regulation, and a Consensus Motif," <i>Neuron</i> , 18:691-696 (1997).
018	AX4	Sugrue, M.F. <i>et al.</i> , "L-662,583 is a Topically Effective Ocular Hypotensive Carbonic Anhydrase Inhibitor in Experimental Animals," <i>British Journal of Pharmacology</i> , 99(1):59-64 (1990).

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AY4	Takahashi, Yuko <i>et al.</i> , "Nitrosyl Hemoglobin in Blood of Normoxic and Hypoxic Sheep During Nitric Oxide Inhalation," <i>American Journal of Physiology</i> , 274(1):H349-H357 (1998).
AZ4	Vanin, Anatoly F. <i>et al.</i> , "Iron Catalyzes Both Decomposition and Synthesis of S-Nitrosothiols: Optical and Electron Paramagnetic Resonance Studies," <i>Nitric Oxide: Biology and Chemistry</i> , 1(3):191-203 (1997).
AR5	Vaughn, Mark W. <i>et al.</i> , "Erythrocytes Possess an Intrinsic Barrier to Nitric Oxide Consumption," <i>Journal of Biological Chemistry</i> , 275(4):2342-2348 (2000).
ASS	Walder, Joseph A. <i>et al.</i> , "The Interaction of Hemoglobin with the Cytoplasmic Domain of Band 3 of the Human Erythrocyte Membrane," <i>Journal of Biological Chemistry</i> , 259(16):10238-10246 (1984).
AT5	Wessel, David L. <i>et al.</i> , "Use of Inhaled Nitric Oxide and Acetylcholine in the Evaluation of Pulmonary Hypertension and Endothelial Function After Cardiopulmonary Bypass," <i>Circulation</i> , 88(5):2128-2138 (1993).
AU5	Wong, Bradley K. <i>et al.</i> , "Dose-Dependent Pharmacokinetics of L-693,612, a Carbonic Anhydrase Inhibitor, Following Oral Administration in Rats," <i>Pharmaceutical Research</i> , 11(3):438-441 (1994).
AV5	Yonetani, Takashi <i>et al.</i> , "Electron Paramagnetic Resonance and Oxygen Binding Studies of α -Nitrosyl Hemoglobin," <i>Journal of Biological Chemistry</i> , 273(32):20323-20333 (1998).

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